

1/16

NF- $\kappa$ B

FIG. 1 (a)

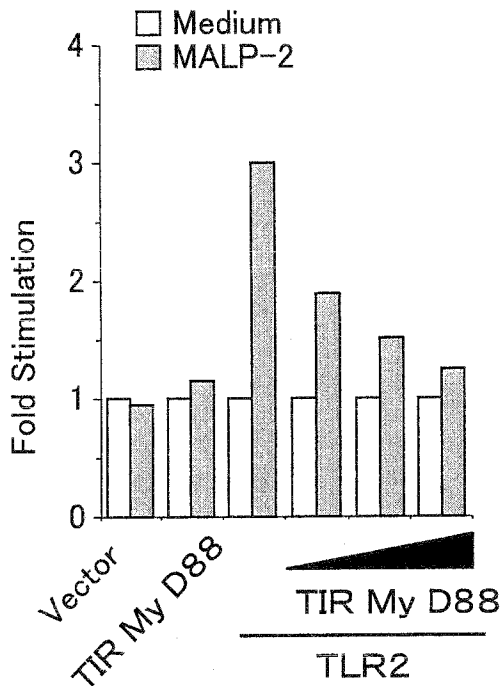


FIG. 1 (b)

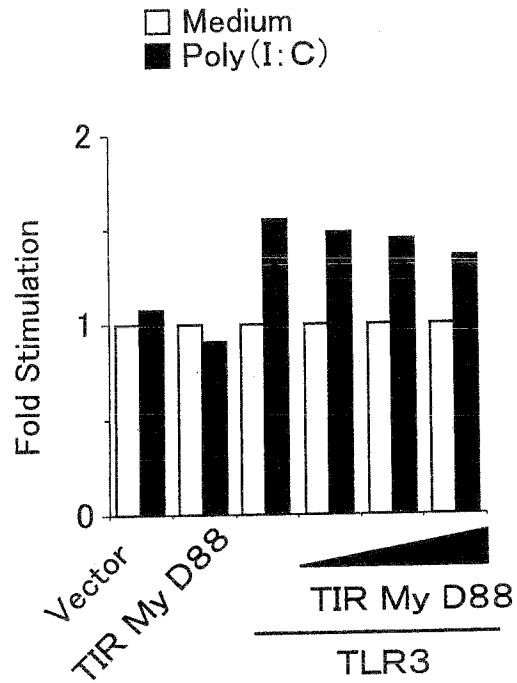


FIG. 1 (c)

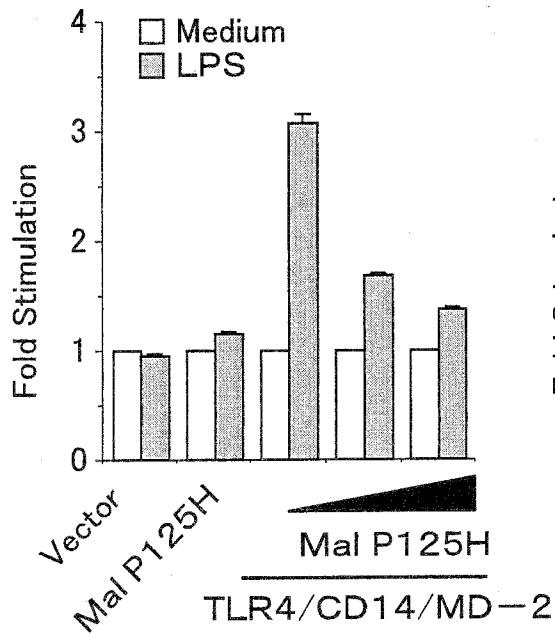
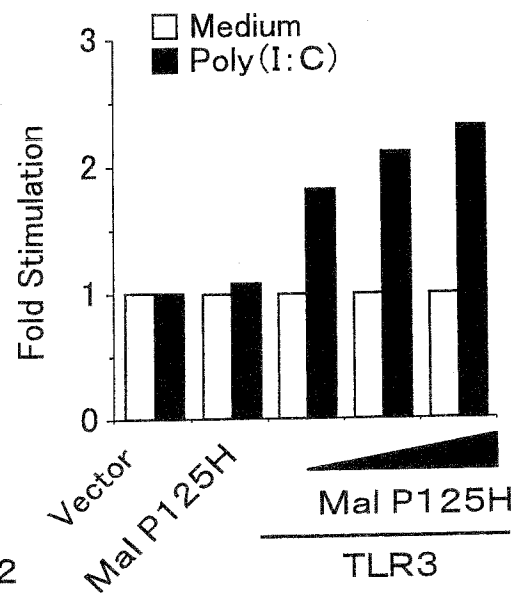


FIG. 1 (d)



2/16

Interferon  $\beta$

FIG. 2 (a)

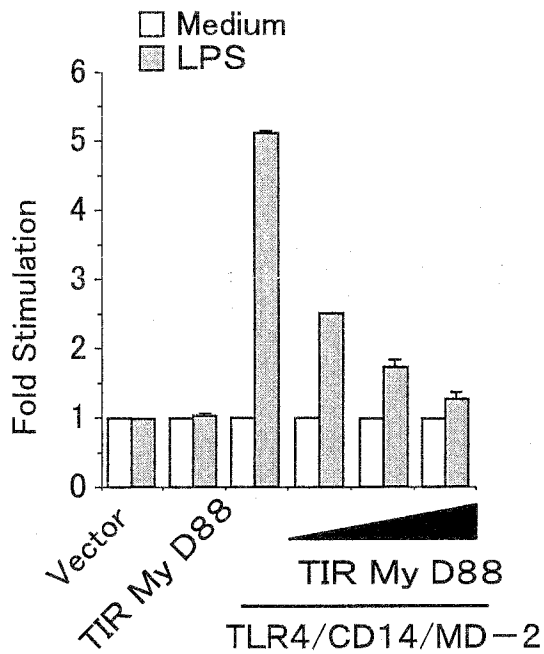


FIG. 2 (b)

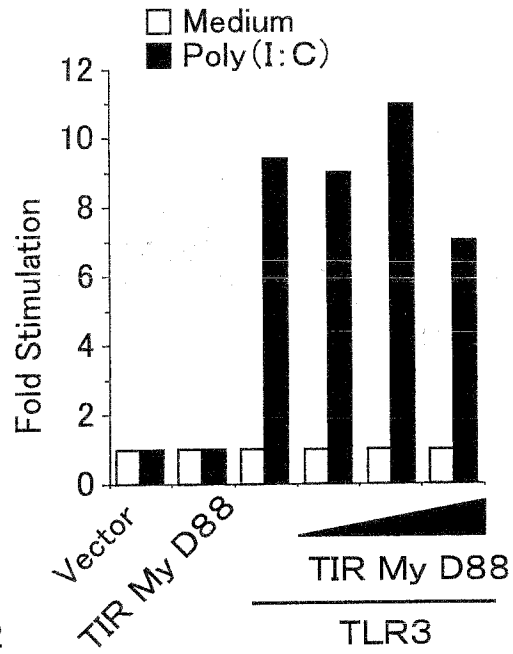


FIG. 2 (c)

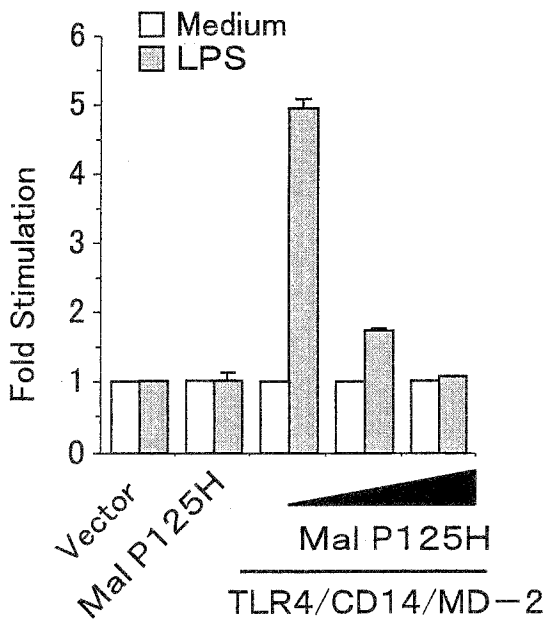
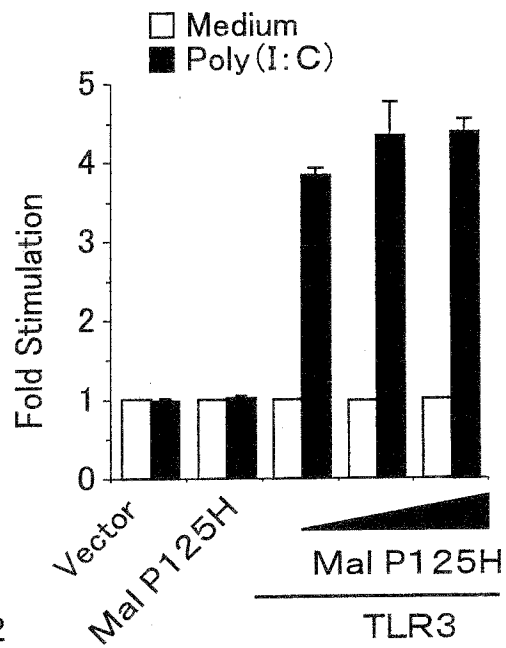


FIG. 2 (d)



3/16

FIG. 3 (a)

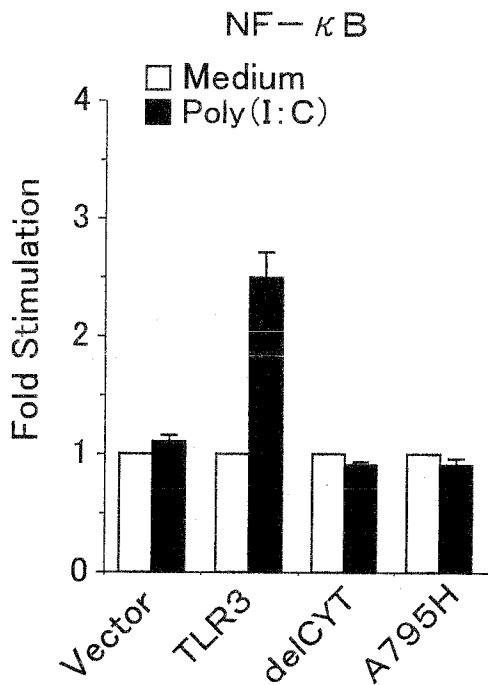


FIG. 3 (b)

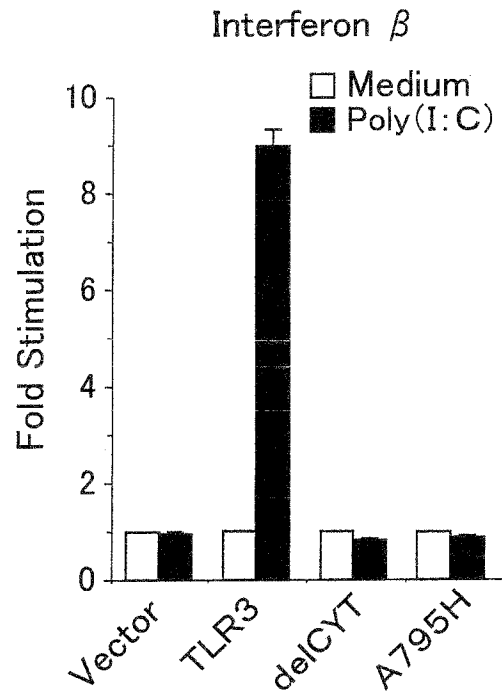
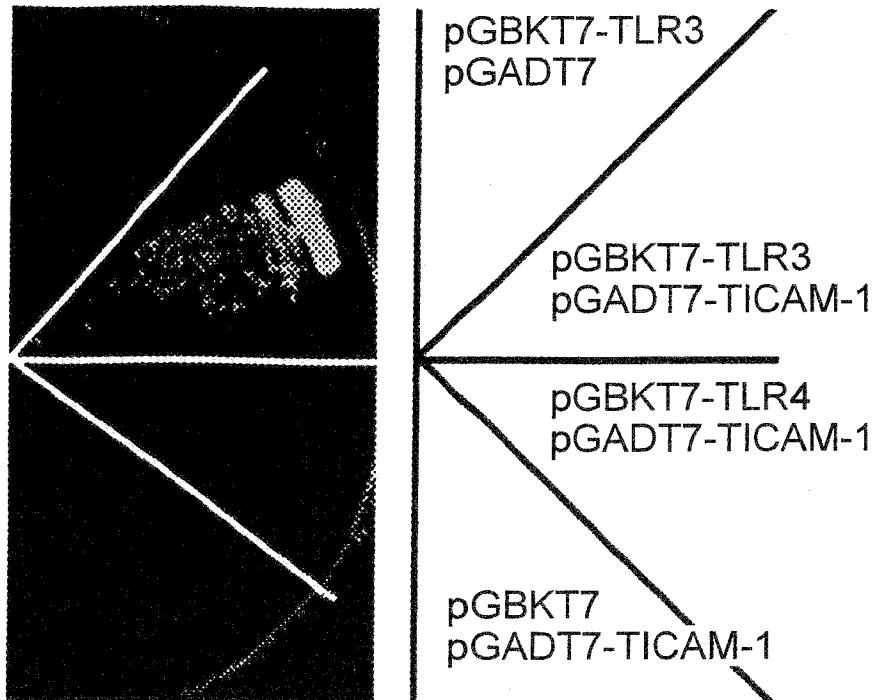


FIG. 4

SD-Trp-Leu-His-Ade plate



4/16

FIG. 5

TICAM-1. hu	MACTGPSLPSAFDILGAAGQDKLLYLKHKLKTTPRPGCQGQDLLHAMVLLKLQGQETEARIS
TICAM-1. mu	MDNPGPSLRGAFGILGALERDRLTHLKHKLGSLSGSGSQESKLLHAMVLLALGQDTEARVS
	* .**** .**.* **.* :*: :***** : .*,* .***** ****.***.*
TICAM-1. hu	LEALKADAVARLVARQWAGVDSTEDPEEPPDVSWAVARLYHLLAEKLCPASLRDVAYQE
TICAM-1. mu	LESKMNNTVAQLVAHQWADMETTEGPEEPPDLSTVARLYHLLAEENLCPASTRDMAYQV
	**.* ** :*: **.* **.* :*: **.* ***** **.* ***** **.* **.*
TICAM-1. hu	AVRTLSSRDDHRLGELQDEARNRCGWDIAGDPGSI RTLOS NLGCLPPSSALPSGTRSLPR
TICAM-1. mu	ALRDFASQGDHQLGQLQNEAWDRCSSDIKGDPSGFQPLHSHQGS LQPPSASP AVTRSQPR
	*:* :*: **.* **.* **.* :**.* **.* **.* :*: **.* **.* **.* **.* **.*
TICAM-1. hu	PIDGVSDWSQGCSLRSTGSPASLASNLEISQSPTMPFLSLHRSPHGPSKLCDDPQASLVP
TICAM-1. mu	PID-TPDWSWGHTLHSTNSTASLASHLEISQSPTLAFLSSHGTHGPSKLCNTPLDTQEP
	*** .*** * :*.*** * .***** .***** .*** * :*.***** : * : *
TICAM-1. hu	EPVPGGCQEPEEMSWPPSGEIASPPELPSSPPPLPEVAPDATSTGLPDTPAAPETSTNY
TICAM-1. mu	QLVPEGCQEPEEISWPPSVETSVSLGLP--HEISVPEVSPEEASPI LPDALAAPDTSVHC
	: ** *****.***** * : . ** .*****: :*. ***: ***.***.* :
TICAM-1. hu	PVECTEGSAGPQSLPLPILEPVKNPCSVKDQTPQLQSVEDTTS PNTKPCPPTPTTPETSP
TICAM-1. mu	PIECTELSTNSRSPLTSTTESVGKQWPITSQRSPQVPVGDDSLQNTTSSSPPAQPPSLQA
	*:***** * :*: * .*** : .*** * : **.* **.* : **.* **.* : *
	TIR
TICAM-1. hu	PPPPPPP---SSTPCSALTTPSSLFPSSLESSS-EQKFYNFVILHARADEHIALRVREK
TICAM-1. mu	SPKLPPSPLSSASSPSSYPAPPTTSTSPVLDHSETSDQKFYNFVILHARADEQVALRIREK
	* ** .***.* **.* * .*: :*****:*****:*****.***.*
TICAM-1. hu	LEALGVDPDGATFCEDFQVPGRGELSCLQDAIDHSAFIILLT SNFDCRLSLHQVNQAMMS
TICAM-1. mu	LET LGVPDGATFCEEFQVPGRGELHCLQDAIDHSGFTILLTASFDCSLSLHQINHALMN
	**.******.******.******.******.******.******.***.*
TICAM-1. hu	NLTRQGS PDCVIPFLPLESSPAQLSSDTASLLSGLVRLDEHSQIFARKVANTFKPHRLQA
TICAM-1. mu	SLTQSGRQDCVIPLLPLECSQAQLSPDTTRLLHSIVWLDEHSPIFARKVANTFKTQKLQA
	.**: * *****.***.* * *****.***.* **.* **.* **.* *****.***.*
TICAM-1. hu	RKAMWRKEQDTRALREQSQHLDGERMQAAALNAAYSAYLQSYLSYQAQMEQLQVAFGSHM
TICAM-1. mu	QRVRWKKAEARTLKEQSIQLEAERQNVAAISAAYTAYVHSYRAWQAEMNKLGVAFGKNL
	:* .*** * :*.***.***.* :*.*** * :*.***.***.* **.* **.* **.* **.*
TICAM-1. hu	SFGTGAPYGARMPFGGQVPLGAPPPFPTWPGCPQPPPLHAWQAGTPPPSPQPAAFPOS-
TICAM-1. mu	SLGTPTPSWPGCPQ--IPSHPQGGTPVFPYSPQPPSFPQPPCFPQPPSFPQPPSFPPLPP
	*:**.* * . * :* . * .***.* : . **.* **.* **.*
TICAM-1. hu	LPFPQSPAFTASPAPPQSPGLQPLIIHHAQMVQLGLNNHMWNQRGSQAPEDKTQEAE--
TICAM-1. mu	VSSPQSQSFPSASSPAPQTPGPQPLIIHHAQMVQLGVNNHMGHTGAQSSDDKTECSEN
	:* .*** :*.***.***.* **.* *****.******.******.***.* **.* **.*
TICAM-1. hu	-----
TICAM-1. mu	CMGPLTDQGEPLLETPE

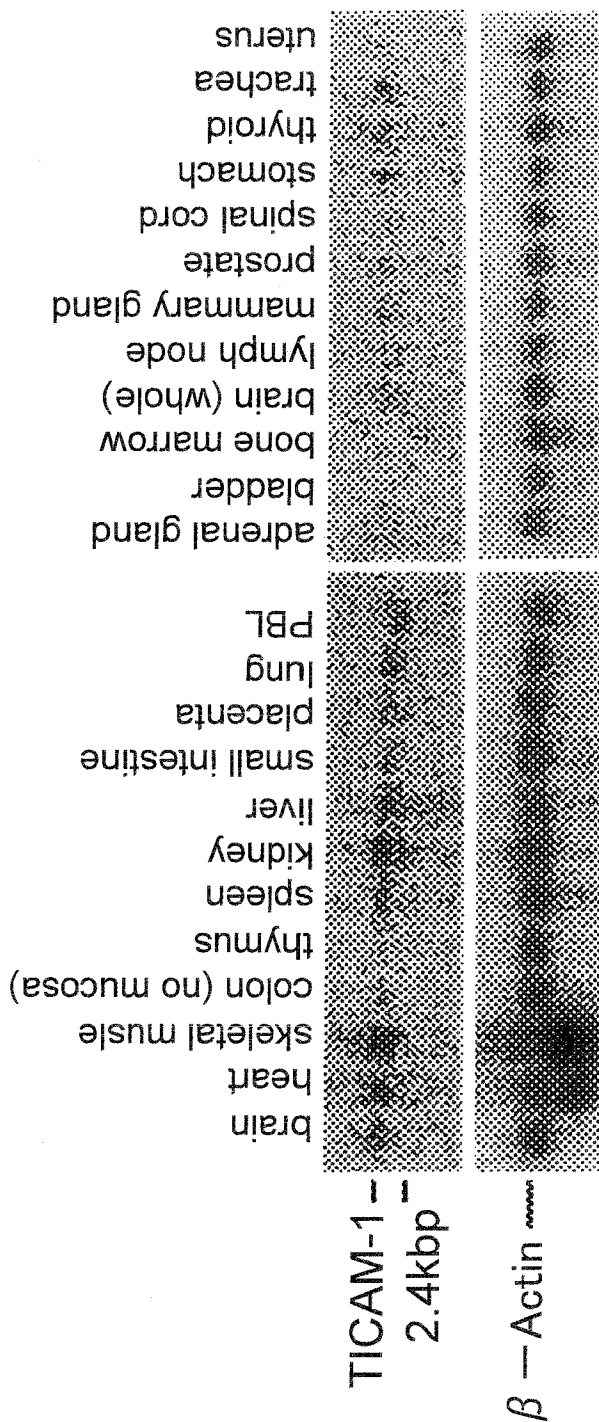
5/16

FIG. 6

	BOX1	BOX2
TICAM-1 (TIR). hu	FYNFVILHARADEHIALRVREKLEALGVPDGFCE	DFQVPGRGELSCLODAIDHSAFI-
TICAM-1 (TIR). mu	FYNFVVIHARADEQVALRIREKLETLGVPDGFCE	EFEQVPGRGELHCLQDAIDHSGFT-
Mal (TIR). hu	DYDVCVCHSEEDLVA AQDLVSYLEGSTASLRCFLQLR	DATPGGAI VSELGQALSSSHCR-
MyD88 (TIR). hu	RFDAFICYCPSDIOFVQEMIRQLEQTNRYRLKLCVSD	RDVLPG-TCVWSIASELIEKRCRR
	:: :: * : **	** : : :
TICAM-1 (TIR). hu	-ILLTSNFDCLSLHQVNQAMMSNLTRQGPSDCVIPFL	PLESSPAQLSSDTASLLSGLV
TICAM-1 (TIR). mu	-ILLLTASFDCSLSLHQINHALMNSLTQSGRQDCV	IPLLPLECSQAQLSPDTTRLLHSIV
Mal (TIR). hu	-VLLITPGFLQDPWCKYQMLQALTEAP--GAEGCTI	PLL SGLSRAAYPPELRFMYVVDGR
MyD88 (TIR). hu	MVVVVDDYLLQSKECDFQTKFALSLSPG-AHQKRLI	PIKYKAMKKEFPSILRFITVCDYT
	:: :: : : **	** :
	BOX3	
TICAM-1 (TIR). hu	RLDEHSQIFARKVANTFKPHR-----	
TICAM-1 (TIR). mu	WLDEHSPIFARKVANTFKTKQ-----	
Mal (TIR). hu	GPDGGFRQVKEAVMRC-----	
MyD88 (TIR). hu	NPCTKSWFWTRLAKALSLP-----	

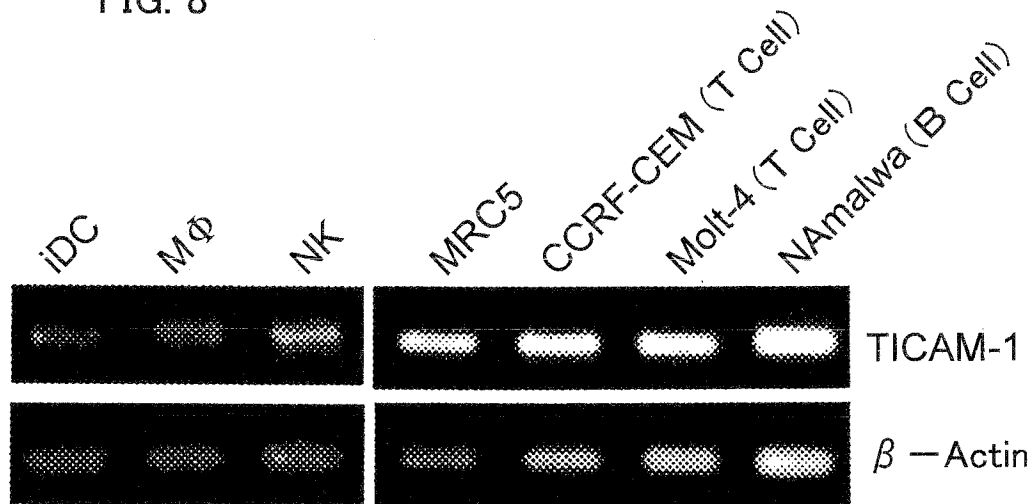
6/16

FIG. 7



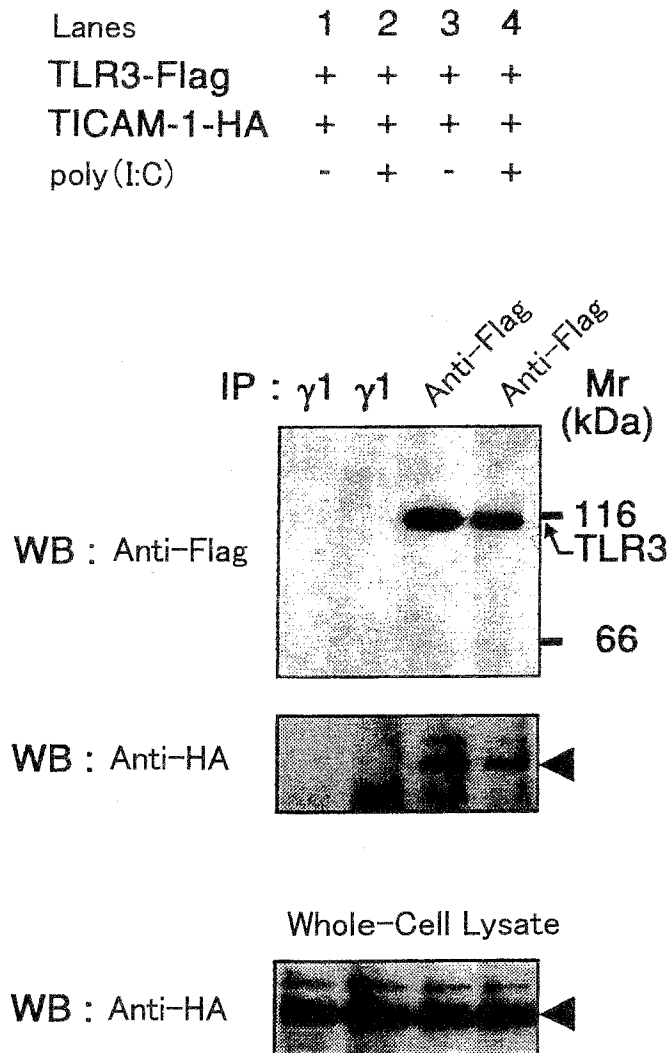
7/16

FIG. 8



8/16

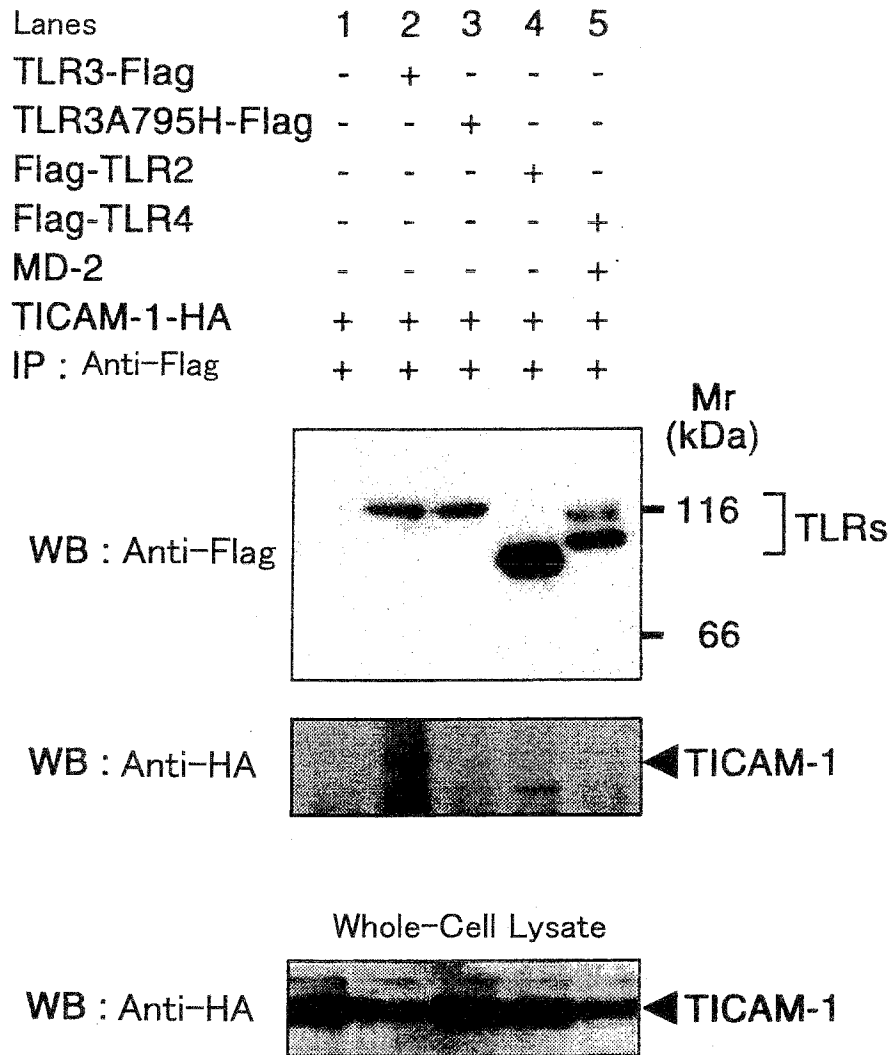
FIG. 9





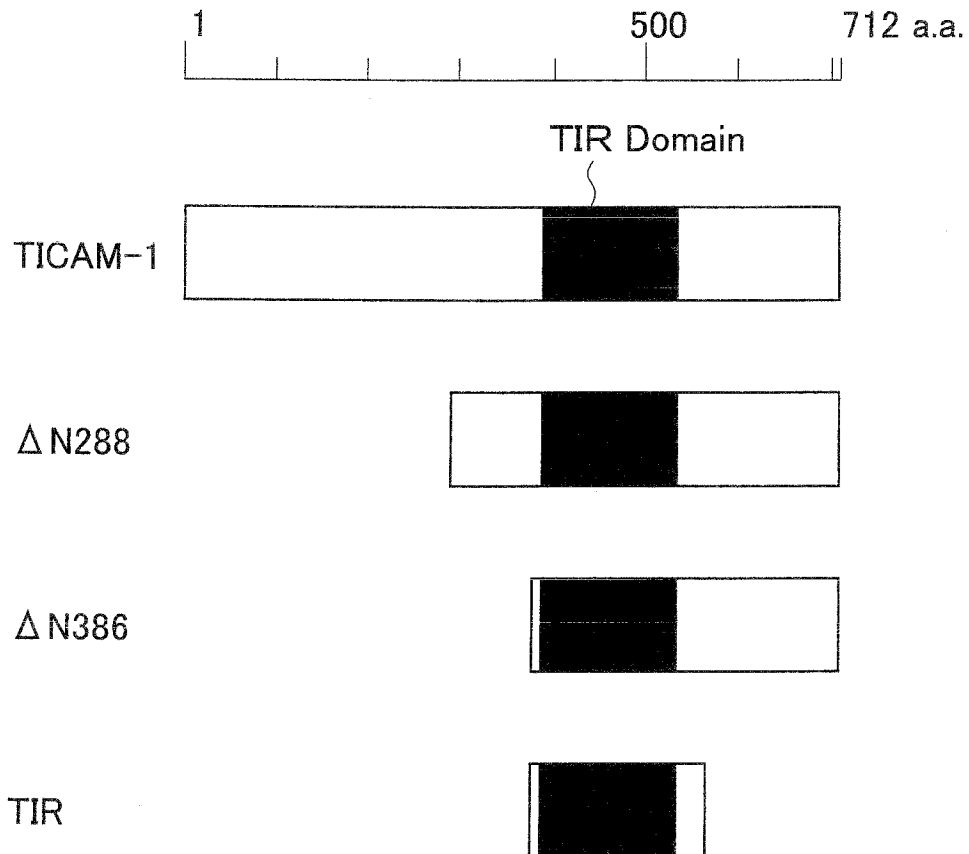
9/16

FIG. 10



10/16

FIG. 11



11/16

FIG. 12 (a) Interferon  $\beta$

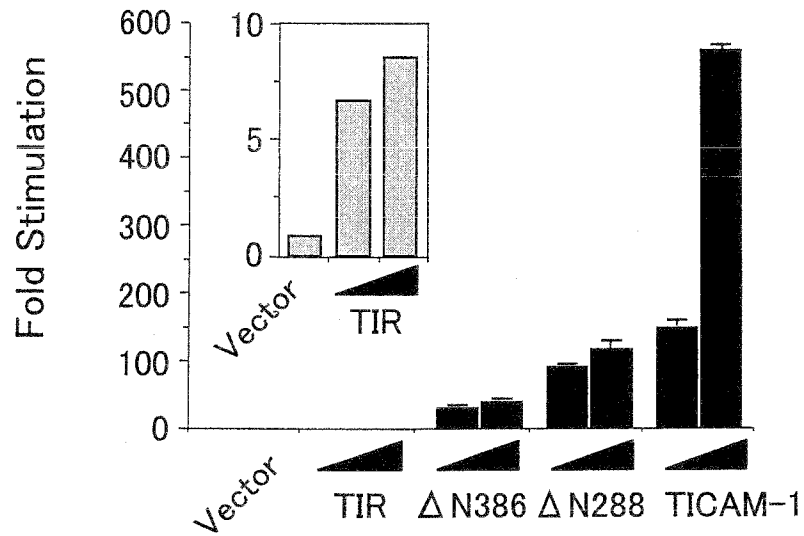
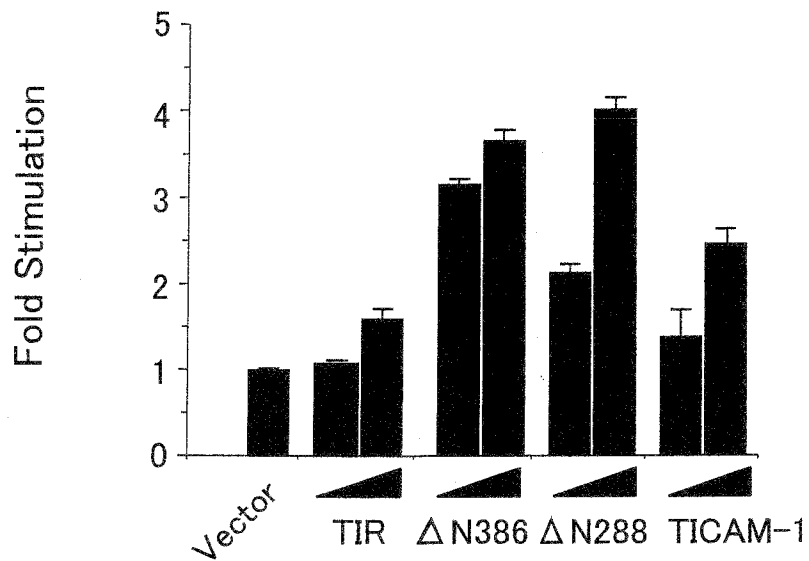


FIG. 12 (b) NF- $\kappa$ B



12/16

FIG. 13 (a)

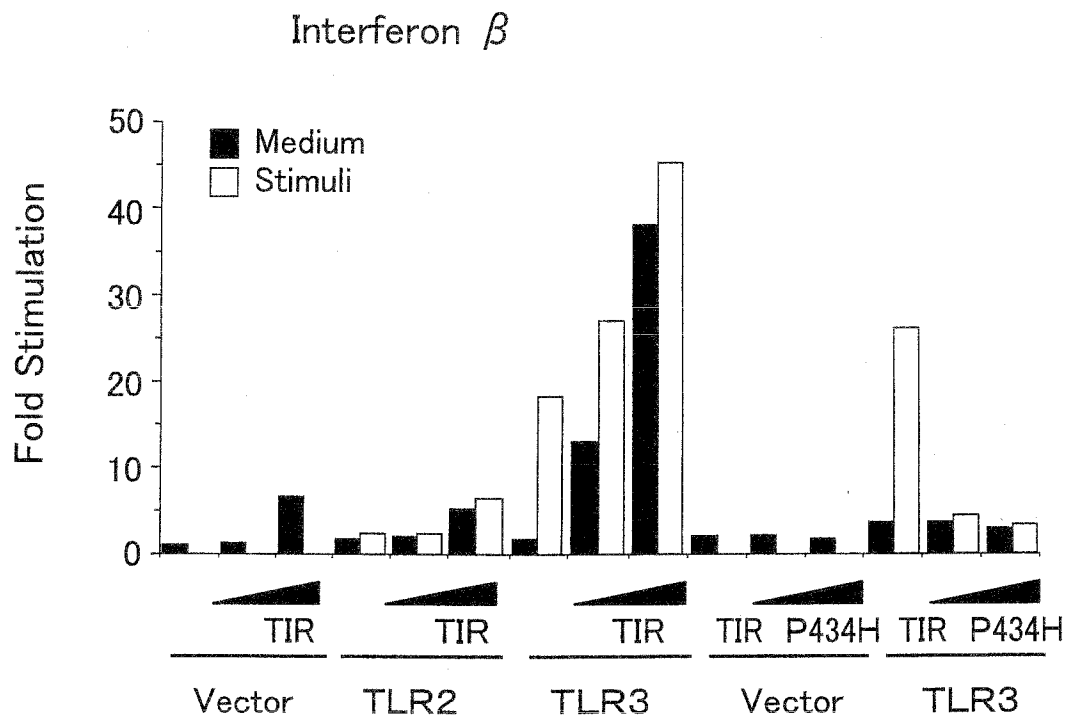
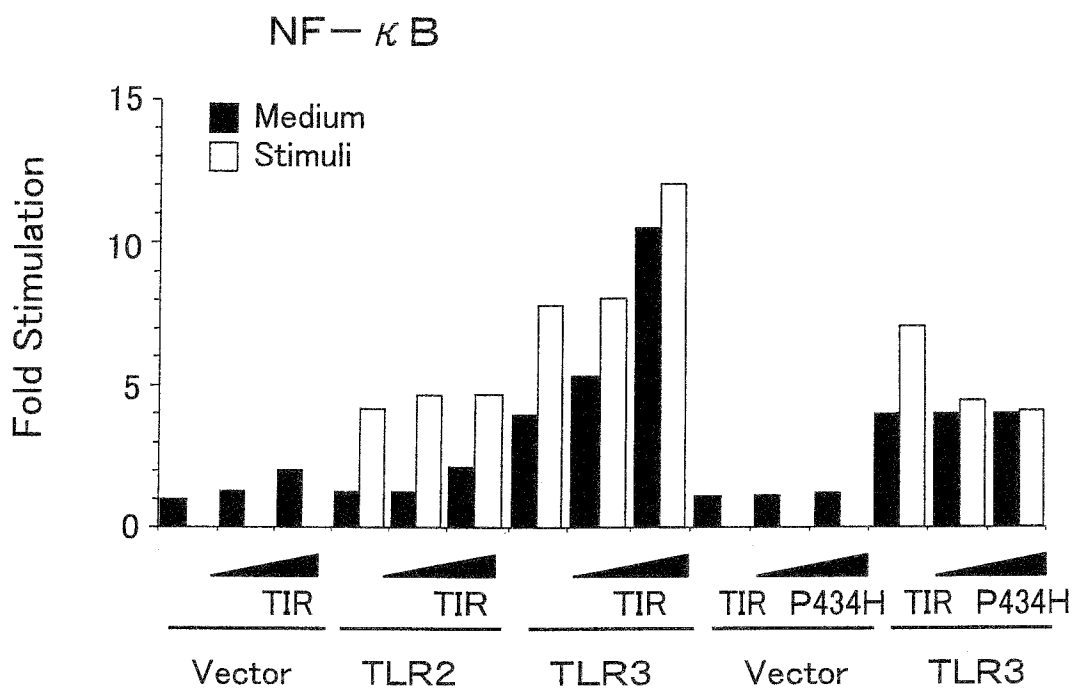


FIG. 13 (b)



13/16

FIG. 14 (a)

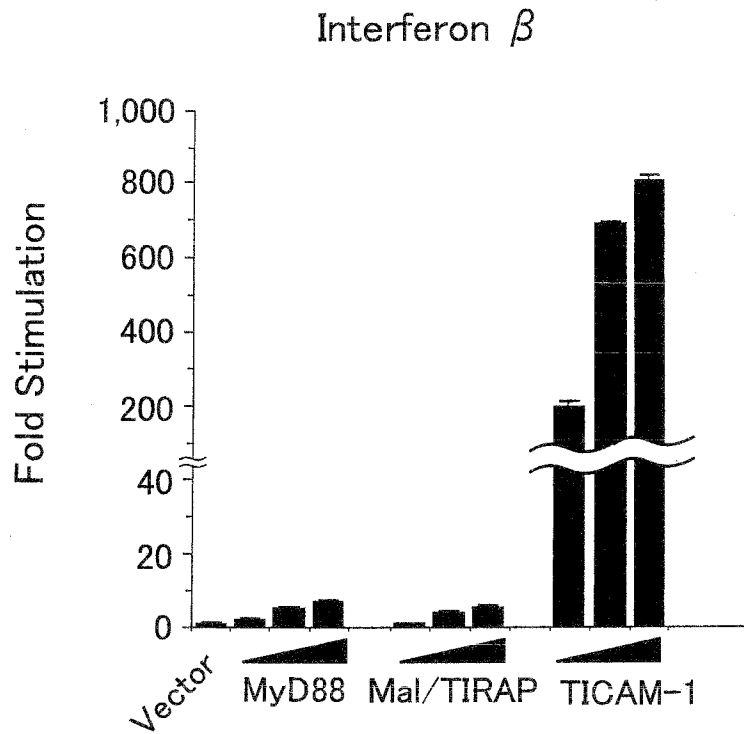
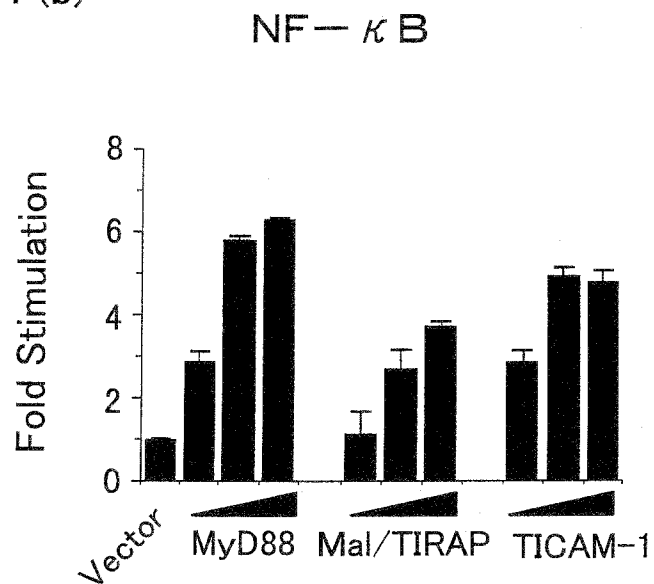
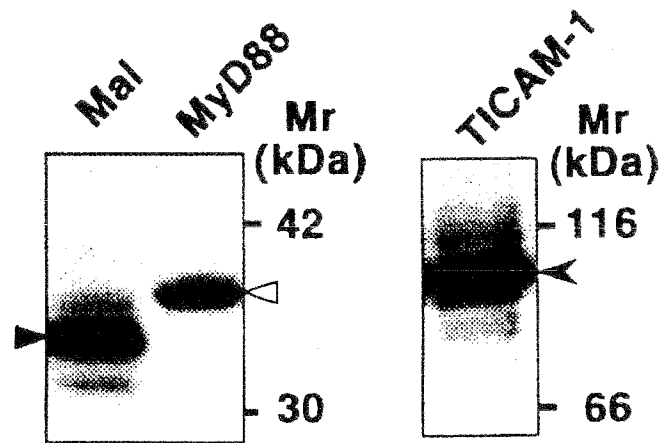


FIG. 14 (b)



14/16

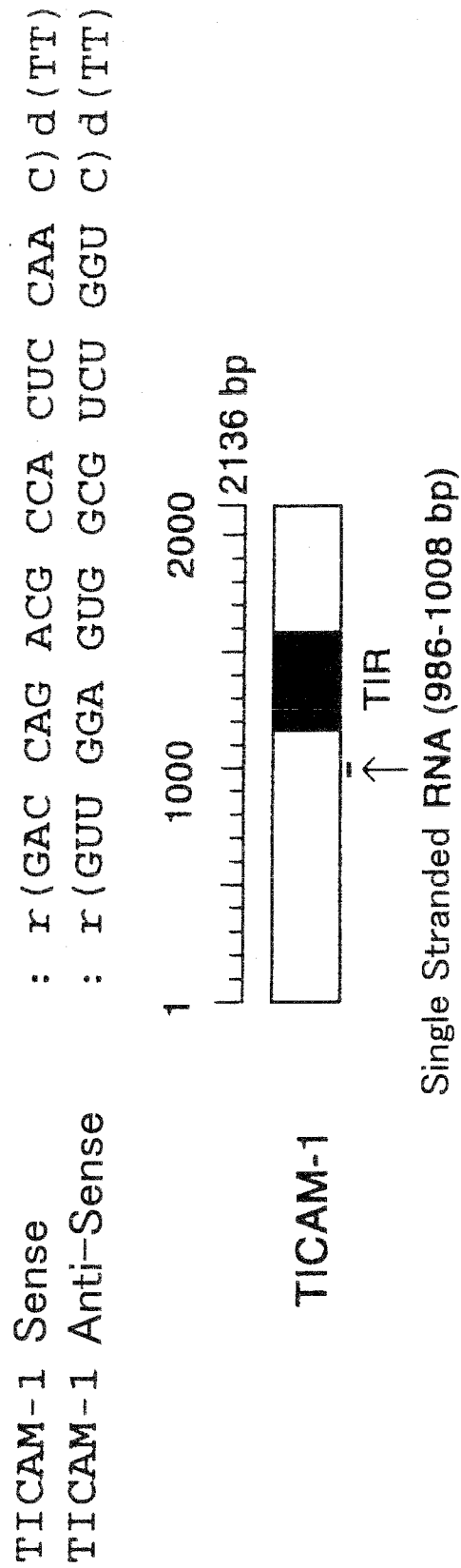
FIG. 15



WB : Anti-HA

15/16

FIG. 16



16/16

FIG. 17 (a)

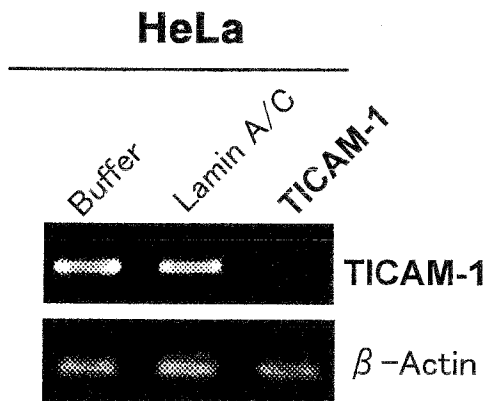


FIG. 17 (b)

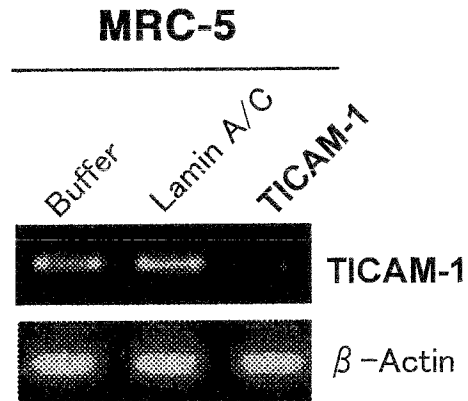


FIG. 18 (a)

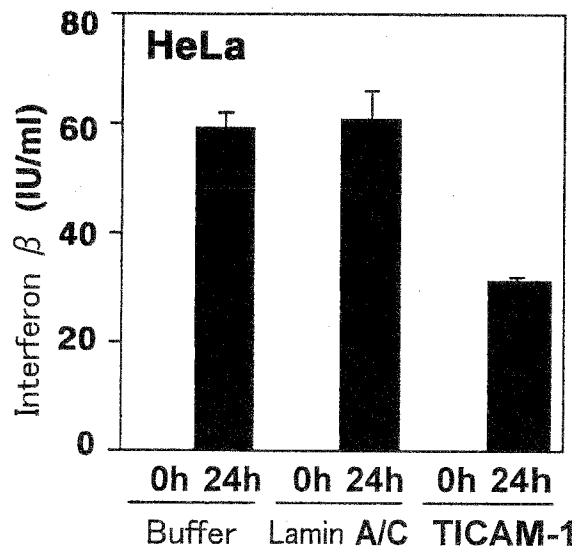


FIG. 18 (b)

